

L. APPENDIX XII: EMERGENCY SUPPORT FUNCTION 12 - ENERGY

PRIMARY AGENCIES: Public Service Commission
Department of Community Affairs

SUPPORT AGENCIES: Nuclear Regulatory Commission, Department of Health, Florida Petroleum Council, Florida Reliability Coordinating Council, Industry Trade Groups and Associations

I. INTRODUCTION

A. The purpose of this Emergency Support Function is to promulgate the policies and procedures to be used by the Public Service Commission, the Department of Community Affairs and the other support agencies and organizations listed above in responding to and recovering from shortages and disruptions in the supply and delivery of electricity, natural gas, and other forms of energy and fuels that, impact or threaten, significant numbers of citizens and visitors. Shortages and disruptions in the supply of electricity may be caused by such events as unusually cold or hot weather, storms, power generation fuel supply disruptions, electric transmission and distribution disruptions. Other energy and fuel shortages affecting the private sector may be caused by such events as severe weather, flooding, and labor strikes.

Emergency Support Function 12 involves close coordination with the electric and natural gas utilities operating in the State to ensure that the integrity of the power supply systems are maintained during emergency situations and that any damages that may be incurred are repaired and services restored in an efficient and expedient manner afterward. The Public Service Commission will have primary responsibility to monitor and coordinate the availability of electric utility generating capacity and reserves, the availability and supply of natural gas, supply and transportation of generation fuels and emergency power. The Public Service Commission will also monitor and coordinate the restoration of electric and natural gas services for normal community functioning.

Emergency Support Function 12 also involves close coordination with private sector providers of energy and transportation fuels such as propane, fuel oil, diesel fuel, and gasoline. The Department of Community Affairs will have primary responsibility to monitor and coordinate with the private sector suppliers of such fuels to ensure that adequate supplies of other energy and transportation fuels are available and deliverable for normal community functioning.

II. CONCEPT OF OPERATIONS

A. GENERAL

When electric utility operating reserves are nearly exhausted and there is an imminent possibility of curtailment or loss of firm load, threat of distribution service disruptions due to storm or accidents, or when other energy supplies such as natural gas or automotive transportation fuels are disrupted, an appraisal of the situation is made by designated authorities and personnel, and action is taken in accordance with this Emergency Support Function. Emergency organization personnel are notified and mobilized to direct and coordinate relief efforts, to communicate with the public and appropriate governmental agencies, and to restore normal service when the emergency is over. These response actions are carried out to maintain energy system integrity and to minimize the impact on Florida citizens and visitors to the degree possible.

B. ORGANIZATION

1. The Public Service Commission and the Department of Community Affairs are the lead agencies for Emergency Support Function 12. Other agencies and entities supporting Emergency Support Function 12 are:
 - Division of Emergency Management
 - Nuclear Regulatory Commission
 - The Florida Petroleum Council
 - The Florida Reliability Coordinating Council
 - Industry Trade Groups and Associations
2. During an emergency or disaster, the primary and support agencies of Emergency Support Function 12 will assign personnel to the State Emergency Operations Center. Emergency Support Function 12 will respond directly to the Infrastructure Branch Chief who reports to the Operations Section Chief (**see Section IV. A. 2. Figure 2 of the Basic Plan**).

C. NOTIFICATION

1. The State Warning Point will notify the Emergency Support Function 12 primary agencies (Public Service Commission and the Department of Community Affairs) when an area of Florida is threatened or has been impacted by an emergency or disaster event.
2. The Public Service Commission and the Department of Community Affairs will notify Emergency Support Function 12 support agencies as appropriate.

D. ACTIONS

1. Preparedness

- a. All Public Service Commission personnel designated to serve as emergency operations center representatives shall be given an initial indoctrination class of at least 2 hours of familiarization training, which shall include a review of the Emergency Operations Manual and a physical tour of the State Emergency Operations Center.
- b. This training should take place after the January update of the manual, and prior to the end of May before the start of hurricane season.
- c. All Public Service Commission staff responsible for interacting with the Division of Emergency Management/State Emergency Operations Center will complete a review of the Emergency Operations Manual during each 6 month period to ensure their familiarization with any changes in the procedures and/or data. Such a review will be documented by having staff sign-off on a log kept by the Emergency Coordination Officer for that purpose.
- d. In preparation for an emergency/disaster situation, Emergency Support Function 12 will coordinate support agencies and organizations in an attempt to:
 - 1) To maintain communication with utility representatives to determine response and recovery needs;
 - 2) Maintain communication with major fuel and other energy providers to determine response and recovery needs; and
 - 3) Assist the American Red Cross and local emergency operations centers to identify emergency shelter power generation needs or other emergency power generation needs.

2. Response

- a. Emergency Support Function 12 procedures will be implemented when notified by the Division of Emergency Management. The Public Service Commission, Department of Community Affairs and other Emergency Support Function support agencies and organizations will cooperate with local, State and federal agencies and public or private entities in

achieving the purposes or activities of Emergency Support Function 12.

- b. The assets (e.g., staff and donated emergency generators) available to Emergency Support Function 12 will be used to assist county emergency operations agencies and other Emergency Support Functions with their emergency efforts to provide power and fuel and other resources as necessary. In response to an emergency, Emergency Support Function 12 will coordinate support agencies and organizations in an attempt to:
 - 1) Provide sufficient power and fuel supplies to State agencies, emergency response organizations, and areas along evacuation routes;
 - 2) Provide, to the extent possible, materials, supplies, and personnel for the support of emergency activities being conducted by local Emergency Operations Centers or State Emergency Support Functions as requested through the State Emergency Operations Center;
 - 3) Maintain communication with utility representatives to determine response and recovery needs;
 - 4) Maintain communication with major fuel and other energy providers to determine response and recovery needs; and
 - 5) Assist the American Red Cross and local emergency operations centers to identify emergency shelter power generation needs or other emergency power generation needs.
- c. Agencies of Emergency Support Function 12 may serve the State Emergency Response Team in various areas of Field Operations (i.e., the Forward State Emergency Response Team, Impact Assessment Teams: Rapid Response Team, Preliminary Damage Assessment Team, Disaster Field Office operations, Recovery Center operations, intrastate and/or interstate mutual aid assistance, etc.).
- d. An initial review of recovery actions, develop strategies for meeting local, and State energy needs;
- e. Monitor local, State and utility actions;
- f. Communicate with and monitor State, local and utility response actions;

- g. Receive and assess requests for aid from local, State and federal agencies, energy offices, energy suppliers and distributors;
- h. Claim, when appropriate, needed resources to repair damaged energy systems;
- i. Work with the State Coordinating Officer and other State and local emergency organizations to establish priorities to repair damaged energy systems, and;
- j. Update State and local news organizations with assessments of energy supply, demand, and requirements to repair or restore energy systems;

3. Recovery

During the recovery phase of an emergency, Emergency Support Function 12 will:

- a. Upon request, coordinate the provision for resources to assist local, State and federal agencies in restoring emergency power and fuel needs;
- b. Review recovery actions, develop strategies for meeting local, and State energy needs;
- c. Continue to monitor local, State and utility actions;
- d. Communicate with and monitor State, local and utility response actions;
- e. Receive and assess requests for aid from local, State and federal agencies, energy offices, energy suppliers and distributors;
- f. Claim, when appropriate, needed resources to repair damaged energy systems;
- g. Work with the State Coordinating Officer and other State and local emergency organizations to establish priorities to repair damaged energy systems;
- h. Update State and local news organizations with assessments of energy supply, demand, and requirements to repair or restore energy systems;

- i. Keep accurate logs and other records of emergency response activities and their costs; and
- j. Draft recommendations and other reports as appropriate.

4. Mitigation

Emergency Support Function 12 will work cooperatively with other Emergency Support Functions to mitigate the effects of any emergency. This will include the coordination of available emergency generators for temporary power.

E. DIRECTION AND CONTROL

In the wake of a disaster, many of the local resources will be unavailable due to damage, inaccessibility, or insufficient supply. The Public Service Commission will coordinate a response to electric and natural gas energy related requests with assistance from the Emergency Support Function 12 support agencies and organizations as well as with assistance from other Emergency Support Functions. When the Public Service Commission is notified by the Division of Emergency Management that the State Emergency Operations Center has been activated, the Public Service Commission will staff the Emergency Support Function 12 work station in the State Emergency Operations Center, identify which support agencies for Emergency Support Function 12 are needed, and take the necessary steps to assure that these agencies are activated, or at least placed on alert status, as appropriate.

The Department of Community Affairs will coordinate a response to non-utility sector energy and transportation fuel related requests with assistance from the other Emergency Support Function 12 support agencies and organizations as well as with assistance from other Emergency Support Functions. When the Department of Community Affairs is notified by the Division of Emergency Management that the State Emergency Operations Center has been activated, the Department of Community Affairs will also staff the Emergency Support Function 12 work station in the State Emergency Operations Center, identify which support agencies for Emergency Support Function 12 are needed, and take necessary steps to assure that these agencies are activated, or at least placed on alert status, as appropriate.

III. RESPONSIBILITIES

A. PRIMARY AGENCIES - PUBLIC SERVICE COMMISSION AND DEPARTMENT OF COMMUNITY AFFAIRS

- 1. The Public Service Commission

- a. Will address issues pertaining to emergencies affecting electric and natural gas utility services to the public.
- b. Upon activation of the State Emergency Operations Center, will ensure that energy concerns are addressed.
- c. Will maintain communications with electric utilities and other support agencies and organizations in responding to and recovering from emergencies regarding electric generating capacity shortages, electric generating fuel shortages, transmission and distribution line outages, and electrical service outages affecting the public.
- d. Will make contact with electric, gas, telephone, and water utilities and industry coordinating groups serving the emergency area to obtain information about damage and/or assistance needed in their area of operations.
- e. Will monitor the procedures followed by the individual utilities during a generating capacity shortage on their systems and the procedures followed by all utilities to ensure coordinated statewide action and communication.
- f. Coordinate and communicate with the Reliability Assessment Group Technical Advisory Group Chairman, or his designee, and report to the State Emergency Operations Center information regarding:
 - Florida electric generating capacity
 - Florida expected electric peak load
 - Geographic areas and number of customers that are expected to be most severely impacted, if available
 - Status of major generating unit outages
 - Expected duration of event
 - Explanation of utilities planned actions; and recommendations of agency actions in support of the utilities.
- g. Will administer statutory authorities for energy priorities.
- h. Will communicate and coordinate with local, State and federal agencies and organizations in responding to energy emergencies and energy restoration.
- i. Will coordinate with Emergency Support Function 14 on State and local news issues to keep them apprised of energy shortfalls.

2. The Department of Community Affairs
 - a. Will assume responsibility for situations affecting the supply of non-utility sector energy resources and transportation of fuels.
 - b. Will ensure that energy concerns are addressed upon activation of the State Emergency Operations Center.
 - c. Will maintain communications with non-utility sector providers of other energy and transportation fuels, the Division of Emergency Management, the Public Service Commission, and other support agencies and organizations in responding to and recovering from emergencies regarding shortages and disruptions in the supply of other private sector energy and transportation fuels affecting the public.
 - d. Will maintain communications with the Nuclear Regulatory Commission, the Department of Health, and nuclear facilities in responding to and recovering from radiological nuclear power plant emergencies.
 - e. Will communicate and coordinate with local, State and federal agencies and organizations in responding to energy emergencies and energy restoration.
 - f. Will direct efforts to obtain needed fuel supplies in case of a shortage of automotive transportation fuels or non-utility fuels needed for other residential, commercial, or industrial purposes.
 - g. Will coordinate the activities of industry trade groups and associations in this effort.
 - h. Will coordinate with Emergency Support Function 14 on State and local news issues to keep them apprised of energy shortfalls.

B. SUPPORT AGENCIES

The Nuclear Regulatory Commission, The Florida Petroleum Council, The Reliability Assessment Group, Industry Trade Groups and Associations will co-locate officials with State Emergency Operations Center cadres to facilitate assessing and repairing damage.

IV. Financial Management

N/A

V. REFERENCES AND AUTHORITIES

PSC Emergency Operations Manual
Division of Electric and Gas
Division of Communications
Division of Water and Waste Water
Federal Emergency Response Plan
Chapter 252, Florida Statutes
Florida SS 911
Rule 25-6.0183, Florida Administrative Code
Rule 25-6.0185, Florida Administrative Code
366.05, Florida Statutes
366.04, Florida Statutes
377.703 (3) (a), Florida Statutes
377.703 (1), Florida Statutes
377.701 (1), Florida Statutes